

Please amend the Abstract of the Disclosure as follows:

The invention ~~relates-provideste~~ layer systems having at least one layer ~~comprising~~ including titanium aluminum oxide. The layer ~~comprising~~ including titanium aluminum oxide may be either a functional layer - with or without interruption by an intermediate layer which is optically inactive - or a functional layer formed from a metal oxide which is interrupted by an intermediate layer ~~comprising~~ including titanium aluminum oxide. The layer systems are structurally and thermally stable at operating temperatures of over 600°C. The layer systems may either ~~comprise~~ include only one functional layer or may be a multilayer system, preferably the layer system includes an alternating layer system composed of functional layers with high and low refractive indices.